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# ZVOLANEK'S

Commercial Grower and  
Gardener's List of  
Early or Winter-Flowering

## SWEET PEA SEED

~~June 1929 to June 1930~~

The Highest Developed Types of  
Sweet Peas Obtainable

1930



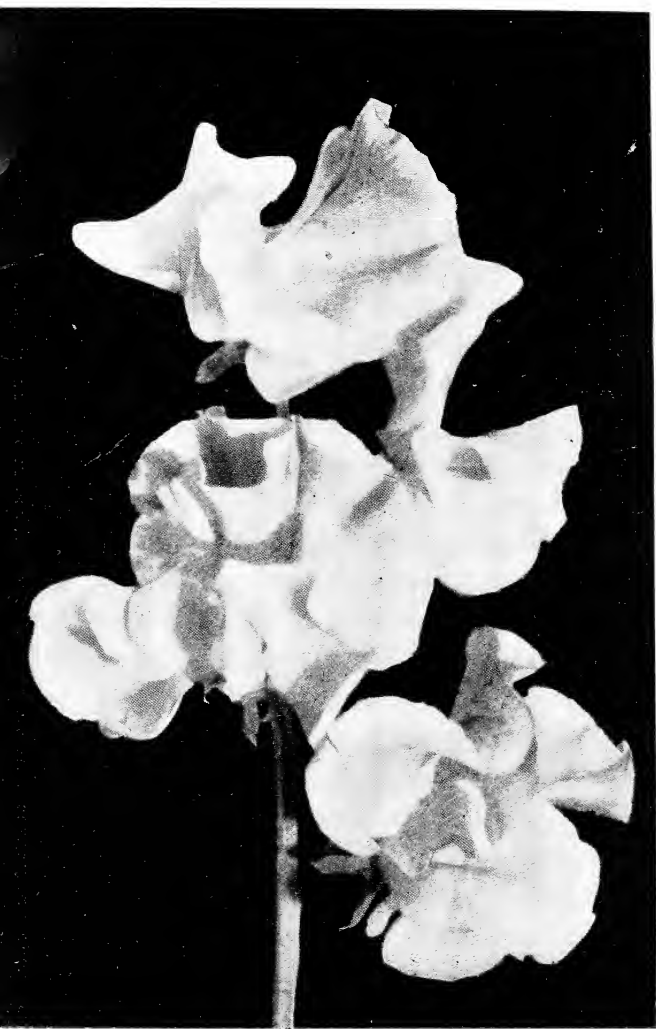
1931

(To protect our friends from fraud, every  
package of our Winter-Flowering Sweet  
Pea Seed must bear our above Trade-  
Mark, or they are not ZVOLANEK'S.  
Do not accept any others as genuine.)

Ant. C. Zvolanek  
and Sons

Established 1889-1890

SWEET PEA RANCH  
LOMPOC, CALIFORNIA



## TO OUR GROWERS:

**P**RESENTING this list of Early Sweet Pea Seed, which is our Traveling Salesman, and goes to over 19000 Commercial Growers and Professional Gardeners all over the world, it is needless to say that our Early Sweet Pea Seed have no competition, since we have sold the first Original Winter Sweet Pea Seeds over thirty-four years ago.

Every variety here listed is reproduced from one single plant which we selected out of the whole field each year, and such seed is usually raised from three to four years, until we have enough seed to plant one or more acres. We never use the same seed which we sell for Stock Seed as every Winter Sweet Pea reverts and is useless in two years if not reselected, therefore our seed is many years ahead of any other, and improving each year.

Our aim is to satisfy everyone. That is the reason why we are gaining every year many hundreds of new growers. We have supplied now over 19,000 Commercial and Practical Gardeners and all coming steadily for more; besides recommending our seeds.

We are the only Seed Growers in the world who raise nothing else but Winter Sweet Peas for seed only; so everyone is assured to get the best for commercial purposes. Many seedsmen are advertising Zvolanek's seeds but seldom buying from us. Such seeds cannot be genuine.

### *Warning!*

The last three years we have received many complaints about Zvolanek's Sweet Pea Seeds, but looking carefully over, we found that every one should have been directed to another firm with a similar name and which we have no connection with whatsoever; as all made the mistake sending their order to the wrong firm, thinking it to be ours.

Here is what one of our old customers said:

"The last two years I ordered my seed, thinking the order was for you, but in both cases was sorely disappointed, and found out that it was a different concern altogether, and not yours; and so have several other growers been misled and had the same complaint to make as I had in my neighborhood."

To be sure it is our seed, see that each packet contains our "Trade Mark:" This is the only Genuine Zvolanek's seed, and which we guarantee.

I wish to thank all my grower customers for their patronage in the past thirty-four (34) years, who have stuck by me from the first Winter Sweet Pea Seed which I had originated, and I hope to serve you as long as I live, and after I am gone, I have made arrangements that the Anton C. Zvolanek firm will still remain with you.

It has been my long life's work to give you all the best I could produce, and always tried to find something new.

### PLEASE REMEMBER

**That We Have No Connection With Wm. Zvolanek & Co.  
Whatever**

Thanking you,

Yours truly,  
ANTON C. ZVOLANEK,  
Originator of Winter Flowering Sweet Peas.

## *Novelties 1930-31*

The last few years we have sent out many hundreds of samples of each of these novelties all over the world and each is recommended by many Sweet Pea lovers.

**ZVOL. MISS MAINE**—Clear carmine pink, very large well formed flowers, wide apart, longest stem and big bloomer.

**ZVOL. MISS ALABAMA**—Darkest maroon or mahogany color of largest size and longest stem. These two are both alike, only the color, coming both from the same cross.

**ZVOL. MISS OREGON** — Clear salmon pink, larger than our princess, producing profusion of flowers from November all winter, and one of the best outdoor variety.

**\*MISS CALIFORNIA**—Bright large pink with slightly carmine touch, the form and color is better than Miss Gude. Long Stems.

**MISS TEXAS**—Fiery dark rose with orange touch, between our Perfection and Beauty. Long stems, flowers wide apart.

**MISS SEATTLE**—Very light clear pink, with slight salmon impression.

**MISS OKLAHOMA**—Large blood red of large size and extremely long stems.

**MISS GEORGIA**—Daybreak pink, marked darker pink on bases. One of the largest varieties.

Packet, \$1.50 each; 1 oz. \$5.00; 1 lb. \$30.00.

8 packets—1 of each, \$10.00.

## *Collection of Big 15 Exhibition Winter Sweet Peas*

Our intention is to reduce our list of Winter Sweet Peas to 25 or 30 varieties in the next few years. To introduce the cream of our Sweet Peas, which we think are the best in the world, we have put up a Limited Collection of the best straight varieties. Many of them are Novelties under number only. Each packet of different color, contains sufficient seed for at least 35 ft. row. These Collections are just suitable for the retail grower, private gardener, or as experiment for the largest commercial growers.

**Ant. C. Zvolanek's Big 15 Commercial or Exhibition**  
**\$10.00 net**

(Sold to commercial or practical gardeners only)

We believe that these collections are the best obtainable. After you see them in bloom and if you should not be satisfied, tell us frankly and we will gladly refund your money.

Last year we sold many hundreds of this collection, and no kick. Many have recommended such splendid lot.

## *New Semi-Cupids or Baby Dwarf Winter Sweet Peas*

This type of Sweet Pea grows only about 16" high, producing a mass of flowers of big size. Do not need any supports, and can be grown either as pot plants for Xmas or Easter, or as cut flowers for funeral work where 6 to 8" stem can be used. It is also excellent for out of door planting as a border, blooming practically all summer or winter.

**ZVOLANEK BABY ORANGE.**

**ZVOL. BABY PINK.**

**ZVOL. BABY DARK ROSE.**

**ZVOL. BABY LAVENDER.**

**ZVOL. BABY WHITE.**

**ZVOL. BABY RED.**

**ZVOL. BABY LILAC.**

**ZVOL. BABY BLUE.** Any separate color at \$1.50 per oz.,  
lb. \$15.00.

**X-ZVOL. BABY MIXTURE** consisting of over 20 varieties  
1 oz. \$1.00; 1 lb. \$10.00.

## *Standard Early Varieties*

### **Pink**

**X-ZVOLANEK'S MRS. DAISY CLUFF**—Mammoth light pink by opening, turning darker when full open. It is even larger, with more substance than Zvolanek's Empress, with long stem. First class for green houses or outdoors.

**X-ZVOL. MRS. H. R. HOLSCHER**—Clear pink, very large and robust grower. I have seen these in full bloom in eastern greenhouses from November until late in winter. Also one of the best for outdoors.

**MAJESTIC**—Very similar to our Mrs. Holscher.

**ZVOL. MISS CANADA**—Light pink, every flower coming with double standard or wings or both. Large flower and long stems. Begins to bloom 3 weeks earlier than any other Sweet Peas, when only 18" high, with 2 flowers but after it is 5 ft. high, is covered with a mass of flowers with all 4s, lasting longer than any other. We believe this type will be the best for dark winter months.

**ZVOL. OTTAWA**—Dark rose, same color as our perfection. This is practically the same and double flowering as Miss Canada in every respect only the color.

1929 introduction. 1 oz. \$2.00; 4 oz. \$6.00, lb. \$15.

**ZVOLANEK'S EMPRESS**—A light pink, one of the largest mammoth Sweet Peas, even larger than Zvol. Rose, with long stems.

1 oz. \$1.00; 4 oz. \$3.00; 1 lb. \$8.00.

**X-ZVOLANEK'S CHICAGO PINK**—A bright pink with a pleasing salmon touch, long stems. It has proven to be a first class commercial variety for wholesale market. \$1.00 per oz.; 4 oz. \$3.00; lb. \$8.00.

**ZVOLANEK'S ROSE**—This is the Queen of all Rose Peas. For many years it has reigned with its dominating color, of unusually large size, shape and productiveness. Many seed dealers advertising this variety, some even as Improved Zvol. Rose, but if not grown by us, it is only a pink mixture, because if not kept in full control it reverts in short time like any other Winter Sweet Peas.

**X-ZVOLANEK'S PINK**—Practically the same as our Rose, only one shade darker and earlier bloomer, and brilliant by artificial light.

**X-ZVOLANEK'S PERFECTION**—A mammoth dark rose. All year round variety in winter or outdoors. One of the best in the Pacific and Gulf states.

**X-ZVOLANEK'S AMBEROSE**—Very large, rich pink underlaid with amber, very long stem.

**X-ZVOLANEK'S SUNBEAM**—Large light pink, long stems and good producer.

All 4: 1 oz., 75c; 4 oz., \$2.00; 1 lb. \$6.00.

**X-ZVOLANEK'S MISS LOISE GUDE**—Large shell pink, Old favorite with growers.

**ZVOLANEK'S BEAUTY**—Clear fiery dark rose, flowers wide apart, long stems. An old favorite with greenhouse men.

- ZVOLANEK'S ELITE**—Shell pink on cream ground.
- ZVOLANEK'S MRS. A. SKACH**—Clear pink, over twenty years standing.
- ZVOLANEK'S MRS. SIM ORCHID**—Light pink, an old time favorite.
- X-ROSE QUEEN**—Very near as Mrs. Sim Orchid.
- JEANE MAMITSCH**—Light pink, larger than Rose Queen.
- GIANT ROSE**—Large pink on white ground.
- X-SUPERIOR PINK**—Dark pink and pleasing color.  
All the 8: 1 oz., 50c; 4 oz., \$1.75; 1 lb. \$5.00  
Ask for Special Prices on 5, 25 and 100 lb. Lots.

## Salmon and Orange Colors

- ZVOL. MISS AMY DU PONT**—Large light salmon pink. Long stem, perfect built flower, has proved to be first class commercial variety for greenhouses and outdoors.
- ZVOL. MISS ALICE M. RAINFORD**—Dark salmon with cream touch, very wavy, much substance. Miss Rainford, who is long lived florist in San Diego, thinks this is the best Sweet Pea in this color.
- X-ZVOL. MISS FLORIDA**—Large fiery orange, extremely long stems, good producer under glass and outdoors.
- ZVOL. MRS. FRANK PICKARD**—Light salmon pink, large flowers, long stems; first class greenhouse variety.
- X-ZVOL. NEW JERSEY**—Orange red, medium, but larger and brighter than Eldorado; does not burn, and we recommend it for greenhouse culture in mid-winter. Very early bloomer.
- VALENCIA**—Exact duplicate of our New Jersey.
- X-ZVOL. LOUISIANA**—Very pleasing large orange salmon, long stems.  
All the 1929 Introduction: 1 oz. \$2.00; 4 oz. \$6.00; 1 lb. \$15.00. Introduced, 1929.
- ZVOLANEK'S PRINCESS**—Bright light salmon of immense size, does not fade but improves in color. One of the best producers from November until spring.
- X-ZVOLANEK'S SANTA BARBARA**—A mammoth dark orange red, long stems, well built flowers and good producer.  
Both: 1 oz. \$1.00; 4 oz. \$3.00; 1 lb. \$8.00.
- X-ZVOLANEK'S EXQUISITE**—Dark salmon pink with a touch of orange, giving the flower a lively appearance. Large size, long stem and 100% true.
- ZVOLANEK'S SWEETHEART**—A dark salmon, slightly touched with orange; giant size, good stems and most true now.
- ZVOLANEK'S MISS I. PILAT**—Large, light salmon of the finest color; does not fade in strongest sun.  
1 oz. 75; 4 oz. \$2.00; 1 lb. \$6.00.
- X-ZVOLANEK'S COMET**—Light salmon pink of coral which is difficult to describe; long stems, most all fours.
- ELDORADO**—Orange salmon; darker than Mrs. Kerr, but much larger and better.
- X-ZVOLANEK'S ORANGE**—Fiery scarlet orange; very long stems and for the last 15 years most widely grown commercial orange.
- ZVOLANEK'S MISS YNES GILBERT**—A begonia salmon.
- BURPEE'S ORANGE**—Glistening orange; must be shaded to avoid burning.  
1 oz. 75c; 4 oz. \$1.50; 1 lb. \$6.00.
- X-MRS. KERR**—Rich salmon of fine color, but must be shaded.  
1 oz. 50c; 4 oz. \$1.25; 1 lb. \$5.00.  
Special prices on 5, 25 and 100 lb. lots.



## White Colors

**ZVOLANEK'S WHITE ROSE**—A mammoth, beautifully formed pure white. It is the duplicate of our Zvolanek's Rose except in color, and the Queen of all whites. Very poor seeder, as all other mammoth varieties.

**ZVOLANEK'S EARLY WHITE ROSE**—Practically the same only one week earlier. This variety has proved to be one of the best for early winter all over the northeastern states, being laden with flowers from November until late in spring.

Price of both: 1 oz. \$1.00; 4 oz. \$3.00; 1 lb. \$8.00.

**ZVOLANEK'S IMP. WATCHUNG ORCHID**—Large black seeded white, free bloomer; pure white when full open.

**X-WHITE HARMONY**—Practically the same as our Watchung.

Price of both: 1 oz., 75c; 4 oz., \$2.00; 1 lb., \$6.00.

**ZVOLANEK'S WHITE**—A large white seeded with long stems; flowers wide apart and most with four. Well known commercial variety.

**IMPROVED SNOW STORM**—Practically the same as Zvol. White.

**X-ZVOLANEK'S BRIDAL VEIL**—Well known commercial white with extra long stems. Big producer in mid-winter.

**SNOWFLAKE**—Very identical with above.

**X-ZVOLANEK'S IMPROVED SWAN**—The purest black seeded white of large size.

**X-ZVOLANEK'S VENUS**—White, edged pink, with orange scent; most extensively used and highly praised by all growers over twenty years.

Price of all 6: 1 oz., 50c; 4 oz., \$1.50; 1 lb., \$5.00

Ask for Special Prices on 5, 25 and 100 lb. Lots.

## Lavenders

**ZVOLANEK'S MICHIGAN**—A mammoth, darker, pure lavender with long stems and excellent producer. Introduced only few years ago. We are getting repeated larger orders each year from all commercial growers.

**X-ZVOLANEK'S BOSTON**—Is practically the same mammoth beautiful shape, only several shades lighter and earlier. One of the best lavender under glass, being loaded with flowers from November.

Price of both: 1 oz. \$1.00; 4 oz. \$3.00; 1 lb. \$8.00

**MONARCH**—Same as Boston.

**X-ZVOLANEK'S PHILADELPHIA**—A fine large clear lavender that has a tendency to bloom a week in advance of all others, and a great producer, much better than Harmony. It is the favorite with greenhouse men.

**X-ED ZVOLANEK**—Well known extra large commercial market lavender; many double and mostly with four flowers.

Price of both: 1 oz., 75c; 4 oz., \$2.00; 1 lb., \$6.00.

**ZVOLANEK'S LAVENDER**—Well known and largely grown by many market growers on account of productiveness and pleasing color.

**X-MRS. CHAS. ZVOLANEK**—A beautiful clear lavender, early bloomer of 20 year's standing.

**SWEET LAVENDER**—Is practically the same.

**X-ZVOLANEK'S LAVENDER NORA**—A clear lavender, medium size, but long stems.

**X-HARMONY**—A good clear lavender.

Price of all 5: 1 oz., 50c; 4 oz., \$1.75; 1 lb., \$5.00.

Ask for Special Prices on 5, 25 and 100 lb. Lots.

## Blue and Maroon

**X-ZVOL. MISS ANNIE HOLSCHER**—Blue, white variegated, one of the earliest artistic varieties. Best bloomer in November and December.

**ZVOL. SILVERBLUE**—Large, light blue, large size and well formed flower.  
Price: 1 oz. \$2.00; 4 oz. \$6.00; 1 lb. \$15.00.

**X-ZVOLANEK'S INDIGO BLUE**—A very fine shaped, large flowers with long stems, dark blue self color. Good producer even during the darkest winter months. Introduced only a few years ago and grown by many thousand commercial greenhouse men all over the world.  
Price: 1 oz. \$1.00; 4 oz. \$3.00; 1 lb. \$8.00.

**ZVOLANEK'S BLUE WONDER**—A mammoth clear blue. The same size and shape as our Zvolanek's Rose. Robust grower and good bloomer.

**X-ZVOLANEK'S BLUE SENSATION**—Is a duplicate of the former, only being several shades lighter clear blue. Both varieties are largely grown by many thousands of market growers. Both are good winter bloomers.

**BLUE BONNET**—Similar to Blue Sensation.

**X-ZVOLANEK'S LILAC**—An immense size of well formed flowers.

**X-ZVOLANEK'S PALE BLUE**—The largest and clearest pale blue ever introduced.  
Price of the 4: 1 oz., 75c; 4 oz., \$2.00; 1 lb., \$6.00.

**X-ZVOLANEK'S BLUE**—One of our oldest introductions and still largely grown by many greenhouse men on account of the color and stem.

**BLUE BOY.**

**HELEN MITCHELL**—Are practically the same.

**X-ZVOLANEK'S MARQUIS**—Is true navy blue and good greenhouse grower.

**ZVOLANEK'S NUBIAN**—The darkest blue, nearly black.

**X-ZVOLANEK'S BLACK LADY**—Dark maroon selfs.

Price of all 6: 1 oz., 50c; 4 oz., \$1.75; 1 lb., \$5.00.

## Red and Scarlet

**ZVOLANEK'S RED HOOD**—Scarlet red of medium size and largely grown by greenhouse men during dark winter months. Has very long stems and is the earliest red to bloom.

**ZVOLANEK'S KANSAS CITY**—An extra large dark red, pleasing color and long stems. Good for early or late planting.

**ZVOLANEK'S RED**—Very large scarlet and extremely long stems. Likes plenty of sunshine and should be planted to bloom in February or later. Unsurpassed for out-door planting.

**X-VULCAN**—Fiery bright red.

**X-GLITTERS**—Large orange scarlet, very good for out-doors.

**GRANADIER**—Medium flower but fine bright red.

Price of all 6: 1 oz., 50c; 4 oz., \$1.75; 1 lb., \$5.00.

Ask for Special Prices on 5, 25 and 100 lb. Lots.

## Pink and White and Art Colors

**ZVOLANEK'S XMAS TRIUMPH**—A mammoth pink and white, with brilliant pink standard, white wings and cream keel. Holds its color when cut. None better for early winter, being loaded with flowers from November until spring.

**X-ZVOLANEK'S XMAS GEM**—Another mammoth variety, Standard bright rose, wings and keel pure white. Both varieties are excellent for greenhouse or out doors.

Price of the 2: 1 oz., 75c; 4 oz., \$2.00; 1 lb., \$6.00.

**ZVOLANEK'S XMAS PINK, ORCHID**—This is one of the greenhouse favorites for over 20 years standing. Keeps its color for days. All the bycolors begin to take well lately with the public, and we are prepared to have plenty of seed.

**ZVOLANEK'S LAVENDER VENUS**—The same as our old Venus, only the edges are lavender instead of pink. The seed is spotted like any lavender.

**X-YARRAWA**—Dark rose and pink.

**ZVOLANEK'S GUDEMORE**—Light yellow, marbled with pink. It is one of the most artistic Sweet Peas, and fits in any design.

**ZVOLANEK'S GOLDEN ORCHID**—Canary yellow, large flowers and stem.

**X-ZVOLANEK'S PRIMROSE**—Cream flushed with pink and bronze edges, large flowers and long stems.

Price for all 6: 1 oz., 50c; 4 oz., \$1.75; 1 lb., \$5.00.

Ask for Special Prices on 5, 25 and 100 lb. Lots.

## *Mixed Sweet Peas*

The past few years we have had a big call on early-flowering out-door MIXTURE, especially from florists who sell seed as a side line to their clients. Our Mixture cannot be duplicated anywhere. We are using only the best of the largest varieties, and for the convenience of florists we are raising several kinds.

**X-ZVOLANEK'S GRAND MIXTURE**—One row of this mixture is a revelation in a garden row. It consists of all the best colors properly graded and at least 150 varieties, including many novelties never seen before. Any retail florist should have a quantity on hand to please their customers.

**X-LAVENDER MIXTURE**—The best lavender and light blue.

**X-WHITE MIXTURE**—White and black seeded.

**X-PINK MIXTURE**—All best pinks from lightest to darkest color.

Price on any mixture: 1 oz., 40c; 8 oz., \$2.00; 1 lb., \$3.50; 5 lbs. \$10.00.

Special Prices on 50, 100 and 500 lb. Lots.

**We do not sell less than one ounce of each variety. If you wish to have more colors, better order a mixture**

## *Special Offer*

We give you 6 % discount on any order of \$10.00, 10 % on \$25.00, 15 % on \$50.00, and 25 % over \$100.00, if accompanied by check; besides, we will include one or more packets of any color of such Novelties which will be introduced in a few years and not listed here. Simply tell us what color you wish. We have 200 Novelties to choose from.

All orders accompanied by cash are mailed or expressed prepaid in the Postal Union over the world.

**Canadian and foreign orders must be paid by Draft or Postal Money Order, as personal checks are subject to heavy discounts.**

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## *Warranty*

All varieties in this list are true and fixed as represented. Should any mistake occur by us, we will return the full amount paid for the seed or replace the same, but we will not be responsible for a failure caused by climatic conditions or neglect of the grower. We are interested in your Sweet Peas, even after the seed has germinated, and any questions will be cheerfully answered.

Most of the commercial varieties will be ready to ship about the middle of July. Please send your order early. We are usually sold out early each year, and perhaps of such varieties as you may need. In case of shortage or failure of crop we will take the liberty of substituting with the best and nearest color, as this list is made out just before the harvest, and we are not yet certain about the crop. If no substitute is wanted mark your order "No Substitute."

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Special delivery letters are not of any value, as we get our mail three times each day in our box 30 minutes after arrival. If you are late, send your letter by *air mail*, which costs less and comes two days earlier from eastern states.

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## *Short Culture on Sweet Pea*

### **HOW TO START THE SEED:**

Every year I personally visit many old Sweet Pea growers who all agree that to get the best results the seed should be soaked in water for 6 to 10 hours, and such seed that have not swelled up must be chipped or filed and dropped back in water until swelled up.

Some varieties like **Xmas Triumph** and several lavender varieties have very hard shell and must be soaked longer in water.

You will find also many seeds which will not respond so quickly. Such seed has either been just hand picked or has ripened during a very hot spell, and all these must be helped by chipping the skin.

When all are sprouted, drop seed.

1. Any soil is good for Sweet Peas except heavy clay or too much sand.

2. Work the soil at least 18 inches deep, 2 feet is better, with plenty of rotten stable manure. Cow manure is best, use some lime and crushed bone.
3. Tramp the soil down firm; never plant in loose soil.
4. Take the hose and water down to the base. Let stand a few days until moderately moist.  
**NEVER PUT SEED IN TOO WET SOIL.**
5. Rake off the surface nice and smooth, make rows and drop seed not over two inches deep, and two inches apart. Rake off again. **DO NOT WATER UNTIL ALL THE SEED IS UP AT LEAST HALF AN INCH OUT OF THE SOIL.** (Nine tenths of the failures are caused by watering too soon). When the seed is all up give a good soaking about once a week. It is better to keep moisture below than on top. Do not plant Sweet Pea seed when the weather is too hot, shade the glass first.
6. When all the seed is up, thin to at least 6 inches apart, if outdoors, cover the rows with old strips of wire netting to protect the young plants from birds. All birds like the tender young sweet pea shoots when just out of the ground.
7. Look from the start for Green Aphis. They are the greatest enemy. When you discover any, take the spray gun at once, load it with one part of 40 % nicotine and 400 parts of water, if the Sweet Peas are outdoors, in the greenhouse 1 to 600 will do if you spray them in time, or use Nico Dust 6 %. Shoot any black birds that are around your Sweet Peas. They do not pick on the Aphis as many people think, but they feed most exclusively on the lady bugs, who are the greatest exterminator of Aphis. Protect all frogs, they feed only on insects. Build them little water ponds where they will propagate quickly and they will keep your garden free of insects.
8. Give the young plants good substantial supports so that they can climb from the start and have a chance to produce nice straight flowering stems. Crooked stem flowers are worthless.
9. When the plants begin to bloom give them liquid manure water often, it will produce 100 % better flowers. Cow manure or a weak sheep manure solution is the best.
10. Pick daily, even the poorest flowers; it will lengthen the flowering season. Always keep the surface earth loose to about two inches. Never allow any crust to form on top.

## ***Dropping the Buds***

In the northern and eastern states, dropping off buds during November and December is common, but a great deal of this can be prevented. We all know that Sweet Peas like plenty of moisture to get long stems, but during the cloudy weather in November and December it is better to sacrifice the long stem for good flowers. As soon as the moist and cloudy weather the latter part of October sets in, keep the green houses dry as possible, even when the soil is dry three to four inches on the surface. Keep the ventilator open even during the night as much as possible and during frosty nights turn the heating pipes on so there is plenty of dry air circulating.

Should you find a few spots which need some water, water only between the rows in ditches and away from the plants, so they get the moisture from underneath. This will save you at least fifty percent of the flowers.

